

***** Asteroid occultation Report *****

[Date] 2024. 1.15 [Approx hour] 19.8
[Star] UCAC4 484-050021
[Asteroid] (46)Hestia

[Observer] 1: Katsuhiko Kitazaki 2:
[Location] Musashino, JPN
[Longitude] 139o33'41.3" E
[Latitude] 35o42'36.9" N
[Altitude] 66m
[Datum] WGS84

[Event time] D: 19h47m06.634s +/- 0.076s (UTC) S/N=2.22
R: 19h47m14.833s +/- 0.041s (UTC) S/N=2.85

[Recorded] From 19h46m0s
To 19h49m1s

[Mag. drop] D: Measured: 0.39 ; Predicted: 0.5
R: Measured: 0.37 ; Predicted: 0.5

[Telescope] Aperture: 40cm Type: Other(Cassegrain) F=2.5(x0.25 Reducer)

[Camera] Analog or Digital video , Model= ASI290MM

[Exposure] Set: 71.8msec, Measure: 71.8msec

[Setting] Area: 1800x650 ; Binning=2
Gain: 420 ; Brightness: 90 ; High Speed Mode: Off

[Time keep] GPS ; Model: GHS-OSD

[Evidence] GPS Time Log : Recorded ; Screen shot: Recorded

[Condition] Stability: Slight flickering Transparency: Clear

[Remarks] It was windy and seeing was poor.

[Additional comment]

<Observations>

<Event>

<Date>2024|1|15|19.8</Date>

<Details>

<Star>UCAC4|484-

050021|0||0.0000000000|0.000000000|0.00|0.00|0.00|0|0.00000000|0.0000

000|25.00|25.00|25.00|0</Star>

<Asteroid>46|Hestia|0.00000000|0.00000000|0.0000000|0.0000000|0.0000

000|0.0000000|1.00000|0.00000|0.0|1.0|20.00</Asteroid>

</Details>

<Observations>

<Observer>

<ID>1|Katsuhiko Kitazaki||0|Musashino|JPN|+139 33 41.3|+35 42 36.9|66| |40|6|a|a</ID>

<Conditions>2|1|2.54||It was windy and seeing was poor.</Conditions>

<D>19 47 6.634|D|0.076||| </D>

<R>19 47 14.833|R|0.041||| </R>

</Observer>

</Observations>

<LastEdited>2023|7|17</LastEdited>

</Event>

</Observations>

Text-based Light curve

Date: 2024-1-15 19:47:9.11: 12.14: 170

Star: 0: 0: 0: 0: 0-0-0: 484-050021

Observer: +139:33:41.3: +35:42:36.9: 66: Katsuhiko Kitazaki

Object: Asteroid: 46: Hestia

Values:1047:882:700:924:871:1062:1032:805:1120:1161:1175:975:1095:1034

:1111:1006:1258:1066:1204:1216:1078:852:1125:1382:1262:1145:1017:1017

:1247:992:1060:706:934:1176:1050:792:870:927:1028:939:1022:1047:1230:1

308:867:961:1105:998:924:

1160:1164:1009:933:1279:1102:1165:1052:1145:1291:1085:1490:1269:1023:

1177:1151:817:1161:1148:917:1025:1158:1053:976:1143:1282:1121:1066:89

8:1303:1076:1304:1298:1374:1752:1356:1493:1567:1526:1405:1523:1655:13

39:1343:1676:1494:1810:1469:1369:1534:

1596:1310:1702:1633:1376:1474:1268:1450:1696:1697:1310:1596:1715:140

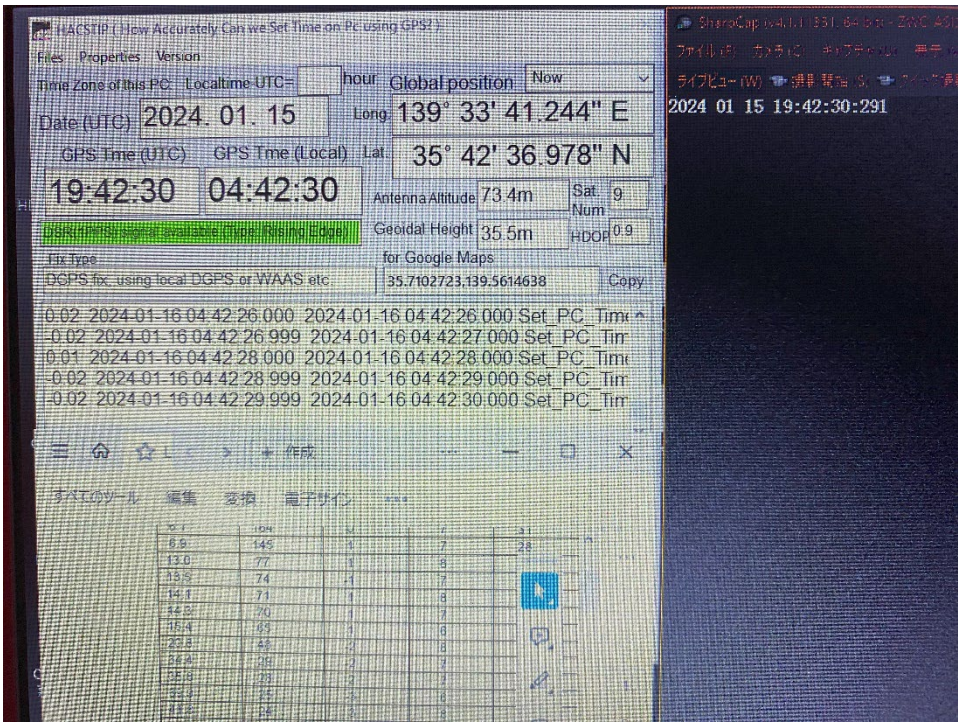
4:1360:1632:1574:1296:1395:1274:1613:1502:1713:1406:1638:1598:1419:14

95:1388:1653:1276:1427:1261:1530:1390:996:1782:1139:1177:1463:1548:16

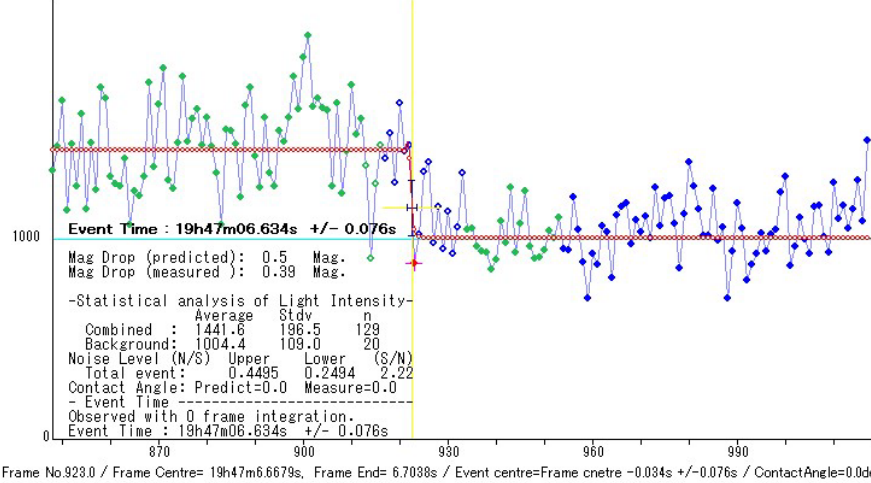
57:1542:1164:1736:1320:924:1226:1283:1252:

1224:1183:1312:1481:1338:1396:1197:1231:1275:1530:1749:1987:1582:167

6:2041:1587:1191:1446:1455:1480:1351



2024 Jan 15: (46) Hestia occults UCAC4 484-050021 Observed by Katsuhiko Kitazaki / PSF-Frame photometry / Object: Dist.



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